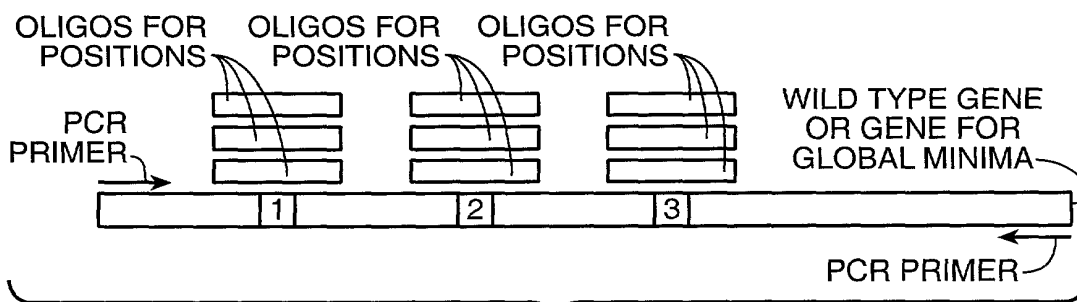
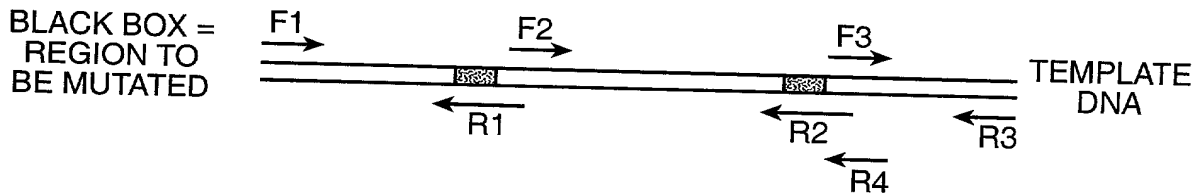
**FIG.\_1****FIG.\_2**

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STEP 1: SET UP 3 PCR REACTIONS:

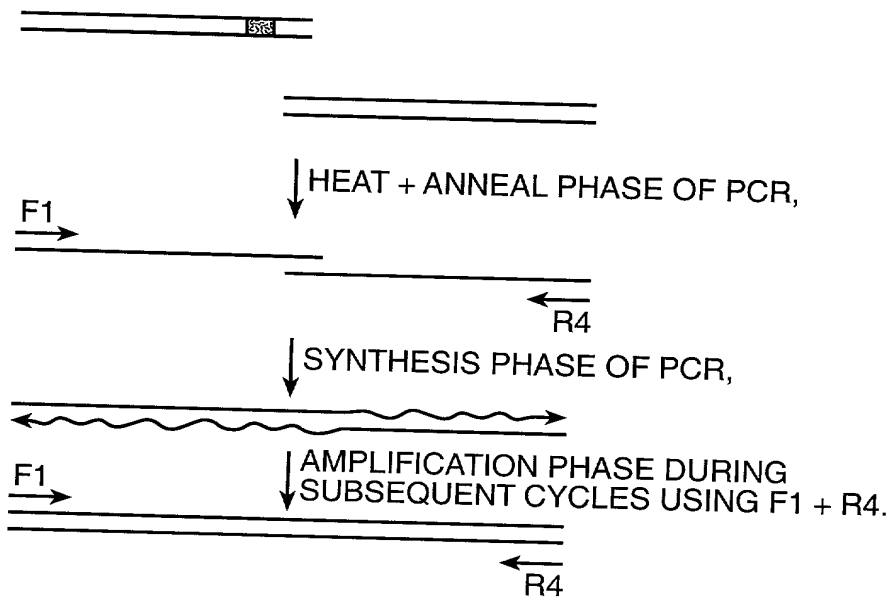
PRODUCTS:

TUBE 1:

TUBE 2:

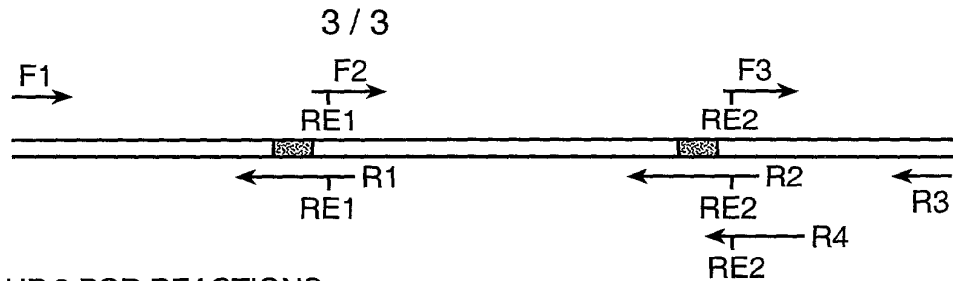
TUBE 3:

STEP 2: SET UP PCR REACTION WITH PRODUCTS OF TUBE 1 + PRODUCTS TUBE 2 + F1 + R4.



STEP 3: REPEAT STEP 2 USING PRODUCT FROM STEP 2 + PRODUCT FROM STEP 1, TUBE 3 + PRIMERS F1 + R3.

**FIG.\_3**



**STEP 1:** SET UP 3 PCR REACTIONS:

**TUBE 1:**

**TUBE 2:**

**TUBE 3:**

**STEP 2:** DIGEST PRODUCTS FROM STEP 1 WITH SUITABLE RESTRICTION ENDONUCLEASES.

**STEP 3:** LIGATE DIGESTED PRODUCT FROM STEP 2, TUBE 2 WITH DIGESTED PRODUCT FROM STEP 2, TUBE 1.



**STEP 4:** AMPLIFY VIA PCR LIGATED PRODUCTS OF STEP 3 WITH F1 + R4.



**STEP 5:** DIGEST AMPLIFIED PRODUCT OF STEP 4 WITH RESTRICTION ENDONUCLEASE #2.

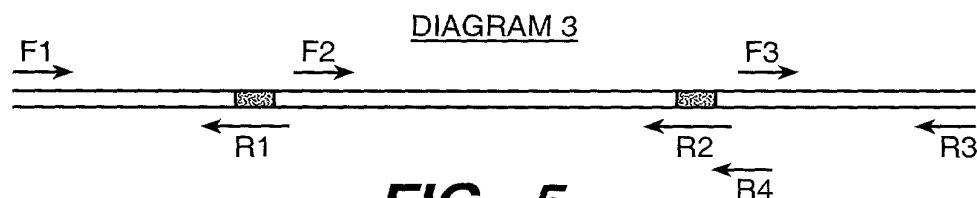


**STEP 6:** LIGATE PRODUCT FROM STEP 5 WITH PRODUCT FROM STEP 2, TUBE 1.



**STEP 7:** AMPLIFY PRODUCT FROM STEP 6 WITH F1 + R3.

**FIG.\_4**



**FIG.\_5**